

EDUCATION

B.S. Cedarville University. 2014. Geology.

Senior Thesis: “A Study of the Relationship between Well Cuttings, Geophysical Logs, and Production Data for Select Wells from the Utica Shale, Eastern Ohio.” The investigation comprised of examining specific well cuttings intervals, analyzing XRD test results, interpreting corresponding E-logs, and evaluating completion records and production data in an effort to better understand the geologic conditions influencing completion and production of selected oil/gas wells within the study area.

Relevant Courses:

Physical Geology, Historical Geology, General Chemistry I and II, Geomorphology, Mineralogy, Research Methods in Geology, Petrology, Stratigraphy and Sedimentology, Structural Geology, Environmental Geology, Petroleum Geology

Certification:

- Mine Safety Training in Accordance with MSHA 30CFR Part 46, Training/Retraining of Miners. January 22, 2014, plus annual Miner Refresher Course.
- 40-Hour Training for Hazardous Waste Operations & Emergency Response. January 23, 2014. Rettew Field Services., Mechanicsburg, Pennsylvania.
- Mine Safety Training in Accordance with MSHA 30CFR Part 48B. April 2, 2015. Centre Safety., Pleasant Gap, Pennsylvania.
- Hazardous Waste Site Worker Refresher Training (8 hours annually) in accordance with 29CFR 1910.120(e)(8), State College, PA.
- American Safety and Health Institute Approved Basic First Aid and Adult CPR Certification, plus annual re-certification.

EXPERIENCE

November 2014 - Present: *Staff Geoscientist | Meiser & Earl, Inc. | State College, Pennsylvania.*

- Duties include: groundwater/surface water sampling; evaluating laboratory analyses; collecting and analyzing data logger information; stream gauging; assisting borehole video collection; preparing and reviewing data in the form of tables, graphs, and plots for

quarterly/annual groundwater monitoring for the Pennsylvania Department of Environmental Protection (PADEP), Susquehanna River Basin Commission (SRBC), and National Pollutant Discharge Elimination System (NPDES).

- Supervisor: Jay Lynch, PG

September - October 2014: Private Consultant

- Responsible for assisting Senior consultant in all aspects of geologic report drafting/editing
- Supervisor: Thomas Rice, PG

May - June 2014: SDSM&T | Engineering Geology Field Camp | Rapid City, South Dakota

- South Dakota School of Mines & Technology five week post-graduation field experience focusing on topics such as geotechnical engineering, groundwater hydrology, geophysics, geologic mapping, and site assessment.
- Generated professional reports and maps in addition to formal presentations of findings.

March 2013: Geology Field Work | Sedimentology and Stratigraphy | Grand Canyon, Arizona

- Widespread mapping of formations while gaining experience with field instrumentation.

Skills:

- Geologic map interpretation
- Groundwater/surface water sampling
- Application of data loggers (Aquatroll, Leveltroll, Onset)
- Operation of Redi-flow pumps, borehole video equipment, and additional field instrumentation
- Stream Gauging
- Data review and manipulation
- Evaluation and review of laboratory analyses
- Proficient in data logger software including Hoboware and Win-Situ
- Proficient in basic Windows applications including Word and Excel

PROFESSIONAL REGISTRATION

Commonwealth of Pennsylvania Registered Geologist in Training, No. GT000135